



April 6, 2007

ENGROSSED HOUSE BILL No. 1811

DIGEST OF HB 1811 (Updated April 4, 2007 4:15 pm - DI 71)

Citations Affected: IC 20-20; IC 20-28; IC 20-30.

Synopsis: Math, science, and technology standards and programs; teacher licensure. Allows the department of education to award grants to school corporations for innovative, project based math, science, and technology learning activities. Requires the state to contract periodically with a nationally or an internationally recognized organization to assist in developing guidelines for teacher preparation programs in math, science, and technology. Requires the department of education to grant an initial standard teacher's license for a specific subject area in middle school or high school to an applicant who has earned a postgraduate degree in the subject area, has experience teaching students, and complies with certain requirements for licensure. Provides that a school corporation may offer a summer school program focusing on math, science, technology, engineering and bioscience skills. Provides that a school corporation may enter into an agreement with an institution of higher education to offer a bioscience program.

Effective: July 1, 2007.

Pierce, Welch, Koch, Behning

(SENATE SPONSORS — FORD, LUBBERS, SIMPSON, ZAKAS)

January 26, 2007, read first time and referred to Committee on Education.

February 8, 2007, amended, reported — Do Pass.

February 13, 2007, read second time, ordered engrossed.

February 14, 2007, engrossed.

February 15, 2007, read third time, passed. Yeas 91, nays 0.

SENATE ACTION

February 27, 2007, read first time and referred to Committee on Education and Career Development.

April 5, 2007, amended, reported favorably — Do Pass.

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April 6, 2007

First Regular Session 115th General Assembly (2007)

PRINTING CODE. Amendments: Whenever an existing statute (or a section of the Indiana Constitution) is being amended, the text of the existing provision will appear in this style type, additions will appear in **this style type**, and deletions will appear in ~~this style type~~.

Additions: Whenever a new statutory provision is being enacted (or a new constitutional provision adopted), the text of the new provision will appear in **this style type**. Also, the word **NEW** will appear in that style type in the introductory clause of each SECTION that adds a new provision to the Indiana Code or the Indiana Constitution.

Conflict reconciliation: Text in a statute in *this style type* or ~~this style type~~ reconciles conflicts between statutes enacted by the 2006 Regular Session of the General Assembly.

ENGROSSED HOUSE BILL No. 1811

A BILL FOR AN ACT to amend the Indiana Code concerning education.

Be it enacted by the General Assembly of the State of Indiana:

- 1 SECTION 1. IC 20-20-14-6 IS ADDED TO THE INDIANA CODE
2 AS A **NEW** SECTION TO READ AS FOLLOWS [EFFECTIVE JULY
3 1, 2007]: **Sec. 6. (a) Subject to appropriations by the general**
4 **assembly, the department may award grants to schools and school**
5 **corporations to fund innovative math, science, and technology**
6 **project based learning activities.**
7 **(b) Before the department may award a grant under this**
8 **section, the department shall develop and publicize the criteria and**
9 **application process for the grant.**
10 **(c) A school or school corporation that receives a grant under**
11 **this section shall report to the department concerning the use of the**
12 **grant, including data demonstrating student learning.**
13 SECTION 2. IC 20-20-31-5.5 IS ADDED TO THE INDIANA
14 CODE AS A **NEW** SECTION TO READ AS FOLLOWS
15 [EFFECTIVE JULY 1, 2007]: **Sec. 5.5. (a) The department, in**
16 **collaboration with the commission for higher education, shall**
17 **identify and coordinate state and federal professional development**

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funds to be used to develop math, science, and technology middle school and high school curriculums that:

- (1) focus on engineering and biosciences; and
- (2) are aligned with programs under IC 20-30-11, IC 20-30-11.5, and IC 20-30-12.

(b) The department shall disseminate the necessary information to school corporations.

SECTION 3. IC 20-28-3-5 IS ADDED TO THE INDIANA CODE AS A NEW SECTION TO READ AS FOLLOWS [EFFECTIVE JULY 1, 2007]: **Sec. 5. (a) To assist in the development and revision of math, science, and technology teacher preparation guidelines under this chapter, the state shall periodically enter into a contract with an organization that is recognized nationally or internationally as an authority in the teaching of math, science, and technology.**

(b) The state board and the commission for higher education shall jointly identify qualified organizations and select the organization with which the department may enter into a contract under this section.

(c) A contract with the organization selected under subsection (b) must include the following provisions concerning the teaching of math, science, and technology:

- (1) The organization shall conduct an evaluation of teacher preparation programs, including the best practices and the requirements of each Indiana teacher preparation program.**
- (2) The organization shall report on effective teacher preparation programs, best practices, and teacher preparation standards nationally and internationally.**
- (3) The organization shall inventory state and federal resources available to the department and the commission on higher education and determine the extent to which the available resources are used.**
- (4) The organization shall identify Indiana student populations historically underrepresented in math, science, and technology programs, and provide methods of teaching to include the identified populations.**

SECTION 4. IC 20-28-5-15 IS ADDED TO THE INDIANA CODE AS A NEW SECTION TO READ AS FOLLOWS [EFFECTIVE JULY 1, 2007]: **Sec. 15. (a) Notwithstanding section 3(b)(6) of this chapter, the department shall grant an initial standard license in a specific middle school or high school subject area to an applicant who:**

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(1) has earned a postgraduate degree in the subject area in which the applicant seeks to be licensed;

(2) has at least one (1) academic year of experience teaching students in a classroom setting, which may include experience teaching in a college classroom; and

(3) complies with sections 4, 9, and 12 of this chapter.

(b) After receiving an initial standard license under this section, an applicant who seeks to renew the applicant's initial standard license must meet the same requirements as other candidates for license renewal.

SECTION 5. IC 20-30-5-19 IS ADDED TO THE INDIANA CODE AS A NEW SECTION TO READ AS FOLLOWS [EFFECTIVE JULY 1, 2007]: **Sec. 19. For grades 6 through 8, the department, in consultation with the commission for higher education, shall identify and collect information concerning effective practices for math, science, and technology curriculums and instruction, and make the information available to each school corporation.**

SECTION 6. IC 20-30-7-5, AS ADDED BY P.L.1-2005, SECTION 14, IS AMENDED TO READ AS FOLLOWS [EFFECTIVE JULY 1, 2007]: **Sec. 5. (a) A school corporation may enter into an agreement with:**

(1) another school corporation;

(2) an accredited nonpublic school; or

(3) both entities described in subdivisions (1) and (2);

to offer a joint summer school program for high school students.

(b) **The department, in collaboration with the commission for higher education, shall identify and coordinate state and federal math, science, and technology curriculum and instruction funds to be used to fund programs developed under this section. Schools that have student populations that have been historically underserved in math, science, or engineering dual credit programs shall be given priority in awarding funds. However, this subsection may not be construed to affect or include any grants from the National Governors' Association.**

SECTION 7. IC 20-30-7-13 IS ADDED TO THE INDIANA CODE AS A NEW SECTION TO READ AS FOLLOWS [EFFECTIVE JULY 1, 2007]: **Sec. 13. Subject to appropriations by the general assembly, a school corporation may offer a voluntary summer enrichment program or a joint summer school program under this chapter that focuses on mathematics, science, technology, engineering, and bioscience skills.**

SECTION 8. IC 20-30-11-20 IS ADDED TO THE INDIANA

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1 CODE AS A NEW SECTION TO READ AS FOLLOWS
2 [EFFECTIVE JULY 1, 2007]: **Sec. 20. (a) Subject to appropriations**
3 **by the general assembly, a school corporation may enter into an**
4 **agreement with an eligible institution to offer a bioscience program**
5 **for students.**

6 (b) A program developed under this section must meet
7 curriculum requirements established jointly by the state board and
8 the commission for higher education.

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COMMITTEE REPORT

Mr. Speaker: Your Committee on Education, to which was referred House Bill 1811, has had the same under consideration and begs leave to report the same back to the House with the recommendation that said bill be amended as follows:

Delete everything after the enacting clause and insert the following:

(SEE TEXT OF BILL)

and when so amended that said bill do pass.

(Reference is to HB 1811 as introduced.)

PORTER, Chair

Committee Vote: yeas 10, nays 0.

 SENATE MOTION

Madam President: I move that Senator Zakas be added as cosponsor of Engrossed House Bill 1811.

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 COMMITTEE REPORT

Madam President: The Senate Committee on Education and Career Development, to which was referred House Bill No. 1811, has had the same under consideration and begs leave to report the same back to the Senate with the recommendation that said bill be AMENDED as follows:

Page 1, delete lines 1 through 17, begin a new paragraph and insert:

"SECTION 1. IC 20-20-14-6 IS ADDED TO THE INDIANA CODE AS A **NEW** SECTION TO READ AS FOLLOWS [EFFECTIVE JULY 1, 2007]: **Sec. 6. (a) Subject to appropriations by the general assembly, the department may award grants to schools and school corporations to fund innovative math, science, and technology project based learning activities.**

(b) Before the department may award a grant under this section, the department shall develop and publicize the criteria and application process for the grant.

(c) A school or school corporation that receives a grant under

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this section shall report to the department concerning the use of the grant, including data demonstrating student learning."

Page 2, delete lines 1 through 24.

Page 2, line 30, delete "math and science" and insert "**math, science, and technology middle school and**".

Page 2, between lines 36 and 37, begin a new paragraph and insert:

"SECTION 3. IC 20-28-3-5 IS ADDED TO THE INDIANA CODE AS A NEW SECTION TO READ AS FOLLOWS [EFFECTIVE JULY 1, 2007]: **Sec. 5. (a) To assist in the development and revision of math, science, and technology teacher preparation guidelines under this chapter, the state shall periodically enter into a contract with an organization that is recognized nationally or internationally as an authority in the teaching of math, science, and technology.**

(b) The state board and the commission for higher education shall jointly identify qualified organizations and select the organization with which the department may enter into a contract under this section.

(c) A contract with the organization selected under subsection (b) must include the following provisions concerning the teaching of math, science, and technology:

(1) The organization shall conduct an evaluation of teacher preparation programs, including the best practices and the requirements of each Indiana teacher preparation program.

(2) The organization shall report on effective teacher preparation programs, best practices, and teacher preparation standards nationally and internationally.

(3) The organization shall inventory state and federal resources available to the department and the commission on higher education and determine the extent to which the available resources are used.

(4) The organization shall identify Indiana student populations historically underrepresented in math, science, and technology programs, and provide methods of teaching to include the identified populations.

SECTION 4. IC 20-28-5-15 IS ADDED TO THE INDIANA CODE AS A NEW SECTION TO READ AS FOLLOWS [EFFECTIVE JULY 1, 2007]: **Sec. 15. (a) Notwithstanding section 3(b)(6) of this chapter, the department shall grant an initial standard license in a specific middle school or high school subject area to an applicant who:**

(1) has earned a postgraduate degree in the subject area in

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- which the applicant seeks to be licensed;
- (2) has at least one (1) academic year of experience teaching students in a classroom setting, which may include experience teaching in a college classroom; and
- (3) complies with sections 4, 9, and 12 of this chapter.

(b) After receiving an initial standard license under this section, an applicant who seeks to renew the applicant's initial standard license must meet the same requirements as other candidates for license renewal.

SECTION 5. IC 20-30-5-19 IS ADDED TO THE INDIANA CODE AS A NEW SECTION TO READ AS FOLLOWS [EFFECTIVE JULY 1, 2007]: **Sec. 19. For grades 6 through 8, the department, in consultation with the commission for higher education, shall identify and collect information concerning effective practices for math, science, and technology curriculums and instruction, and make the information available to each school corporation."**

Page 3, line 5, delete "math and science" and insert "**math, science, and technology**".

Page 3, line 9, after "funds." insert "**However, this subsection may not be construed to affect or include any grants from the National Governors' Association.**".

Page 3, delete lines 10 through 15, begin a new paragraph and insert:

"SECTION 7. IC 20-30-7-13 IS ADDED TO THE INDIANA CODE AS A NEW SECTION TO READ AS FOLLOWS [EFFECTIVE JULY 1, 2007]: **Sec. 13. Subject to appropriations by the general assembly, a school corporation may offer a voluntary summer enrichment program or a joint summer school program under this chapter that focuses on mathematics, science, technology, engineering, and bioscience skills.**

SECTION 8. IC 20-30-11-20 IS ADDED TO THE INDIANA CODE AS A NEW SECTION TO READ AS FOLLOWS [EFFECTIVE JULY 1, 2007]: **Sec. 20. (a) Subject to appropriations by the general assembly, a school corporation may enter into an agreement with an eligible institution to offer a bioscience program for students.**

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(b) A program developed under this section must meet curriculum requirements established jointly by the state board and the commission for higher education."

Renumber all SECTIONS consecutively.

and when so amended that said bill do pass.

(Reference is to HB 1811 as printed February 9, 2007.)

LUBBERS, Chairperson

Committee Vote: Yeas 10, Nays 0.

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